



**CITY OF CARLSBAD
LAND USE REVIEW APPLICATION**

1) APPLICATIONS APPLIED FOR: (CHECK BOXES)

	(FOR DEPARTMENT USE ONLY)		(FOR DEPARTMENT USE ONLY)
<input type="checkbox"/> Administrative Permit		<input type="checkbox"/> Planned Industrial Permit	
<input type="checkbox"/> Administrative Variance		<input type="checkbox"/> Planning Commission Determination	
<input type="checkbox"/> Coastal Development Permit		<input type="checkbox"/> Precise Development Plan	
<input type="checkbox"/> Conditional Use Permit		<input type="checkbox"/> Redevelopment Permit	
<input type="checkbox"/> Condominium Permit		<input type="checkbox"/> Site Development Plan	
<input type="checkbox"/> Environmental Impact Assessment		<input type="checkbox"/> Special Use Permit	
<input type="checkbox"/> General Plan Amendment		<input type="checkbox"/> Specific Plan	
<input type="checkbox"/> Hillside Development Permit		<input type="checkbox"/> Tentative Parcel Map Obtain from Engineering Department	
<input type="checkbox"/> Local Coastal Program Amendment		<input type="checkbox"/> Tentative Tract Map	
<input type="checkbox"/> Master Plan		<input type="checkbox"/> Variance	
<input type="checkbox"/> Minor Conditional Use Permit		<input type="checkbox"/> Zone Change	
<input type="checkbox"/> Non-Residential Planned Development		<input type="checkbox"/> List other applications not specified	
<input type="checkbox"/> Planned Development Permit			

2) ASSESSOR PARCEL NO(S).: _____

3) PROJECT NAME: _____

4) BRIEF DESCRIPTION OF PROJECT: _____

5) OWNER NAME (Print or Type) MAILING ADDRESS CITY AND STATE ZIP TELEPHONE EMAIL ADDRESS: I CERTIFY THAT I AM THE LEGAL OWNER AND THAT ALL THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE. _____ SIGNATURE DATE	6) APPLICANT NAME (Print or Type) MAILING ADDRESS CITY AND STATE ZIP TELEPHONE EMAIL ADDRESS: I CERTIFY THAT I AM THE LEGAL REPRESENTATIVE OF THE OWNER AND THAT ALL THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE. _____ SIGNATURE DATE
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7) BRIEF LEGAL DESCRIPTION _____

**NOTE: A PROPOSED PROJECT REQUIRING MULTIPLE APPLICATIONS BE FILED, MUST BE SUBMITTED PRIOR TO 3:30 P.M.
A PROPOSED PROJECT REQUIRING ONLY ONE APPLICATION BE FILED, MUST BE SUBMITTED PRIOR TO 4:00 P.M.**

8) LOCATION OF PROJECT:

STREET ADDRESS	
ON THE <input style="width: 150px; height: 20px;" type="text"/> (NORTH, SOUTH, EAST, WEST)	SIDE OF <input style="width: 150px; height: 20px;" type="text"/> (NAME OF STREET)
BETWEEN <input style="width: 150px; height: 20px;" type="text"/> (NAME OF STREET)	AND <input style="width: 150px; height: 20px;" type="text"/> (NAME OF STREET)

9) LOCAL FACILITIES MANAGEMENT ZONE

10) PROPOSED NUMBER OF LOTS <input style="width: 40px; height: 20px;" type="text"/>	11) NUMBER OF EXISTING RESIDENTIAL UNITS <input style="width: 40px; height: 20px;" type="text"/>	12) PROPOSED NUMBER OF RESIDENTIAL UNITS <input style="width: 40px; height: 20px;" type="text"/>
13) TYPE OF SUBDIVISION <input style="width: 40px; height: 20px;" type="text"/>	14) PROPOSED IND OFFICE/ SQUARE FOOTAGE <input style="width: 40px; height: 20px;" type="text"/>	15) PROPOSED COMM SQUARE FOOTAGE <input style="width: 40px; height: 20px;" type="text"/>
16) PERCENTAGE OF PROPOSED PROJECT IN OPEN SPACE <input style="width: 40px; height: 20px;" type="text"/>	17) PROPOSED INCREASE IN ADT <input style="width: 40px; height: 20px;" type="text"/>	18) PROPOSED SEWER USAGE IN EDU <input style="width: 40px; height: 20px;" type="text"/>
19) GROSS SITE ACREAGE <input style="width: 40px; height: 20px;" type="text"/>	20) EXISTING GENERAL PLAN <input style="width: 40px; height: 20px;" type="text"/>	21) PROPOSED GENERAL PLAN DESIGNATION <input style="width: 40px; height: 20px;" type="text"/>
22) EXISTING ZONING <input style="width: 40px; height: 20px;" type="text"/>	23) PROPOSED ZONING <input style="width: 40px; height: 20px;" type="text"/>	24) HABITAT IMPACTS IF YES, ASSIGN HMP # <input style="width: 40px; height: 20px;" type="text"/> Y / N

25) IN THE PROCESS OF REVIEWING THIS APPLICATION IT MAY BE NECESSARY FOR MEMBERS OF CITY STAFF, PLANNING COMMISSIONERS, DESIGN REVIEW BOARD MEMBERS OR CITY COUNCIL MEMBERS TO INSPECT AND ENTER THE PROPERTY THAT IS THE SUBJECT OF THIS APPLICATION. I/WE CONSENT TO ENTRY FOR THIS PURPOSE

SIGNATURE _____

FOR CITY USE ONLY

FEE COMPUTATION

APPLICATION TYPE	FEE REQUIRED

TOTAL FEE REQUIRED

DATE STAMP APPLICATION RECEIVED

RECEIVED BY:

**LAND USE REVIEW APPLICATION FORM
INSTRUCTIONS TO APPLICANTS**

In order to streamline the application process and reduce duplication in filling out application forms, the City has adopted a comprehensive application form to handle multiple application submittals. The following instructions should assist you in preparing the application form for submittal to the City:

1. **Applications applied for:** Check the appropriate boxes for the various application types for which you are applying. Check with counter staff to determine required application types needed to process your specific project.
2. **Assessor Parcel No(s):** Include all assessor parcel numbers included within the project boundary. The counter staff can assist you in determining the appropriate assessor parcel number(s).
3. **Project Name:** Fill in the box with the name of the project, such as "Red Oak Homes" or "Benson Commercial." If no name is proposed, write the last name of the owner or applicant plus a brief description such as "Jones Condo Conversion" or "Smith Residential Subdivision."
4. **Brief Description of Project:** Write down a brief description of the project. Be specific but do not include square footage or architectural details. For example: a neighborhood commercial center with two restaurants; single family detached residential project; or an industrial/office complex with three industrial/office buildings.
5. **Owner's Name, Address, Phone Number, Email address and Signature:** To be filled in and signed by the owner for all applications. Use the owner's name as it appears on the title report.
6. **Applicant's Name, Address, Phone Number, Email address and Signature:** To be filled in and signed by the applicant. If owner and applicant are the same you may write same on the space for the name. All correspondence and contact regarding the application will be directed to the applicant.
7. **Brief Legal Description:** Provide a brief legal description of the property such as "Lot 6 of Map No. 8828 Carlsbad Tract 88-3" or "Portion of Lot I of Rancho Agua Hedionda map 1717." Do not provide bearings and distances. A full legal description will be contained within the title report submitted with the application.
8. **Location of Project:** Fill in the blanks with the street address (if appropriate), direction and street names. For projects located in undeveloped areas not adjacent to streets, use the nearest street from which the project will take access.
9. **Local Facilities Management Zone:** Write the number of the facilities management zone within which your project is located. Ask for counter assistance in determining which facility zone your project is located. It is important to know which facility zone includes your project. Each facility zone must have an adopted local facilities management plan before applications can be accepted by the City. Additionally, the adopted facility plan for your zone may contain significant public facility requirements which must be met before your project may be accepted as complete or before construction permits are issued.
10. **Proposed Number of Lots:** For tentative tract maps and minor subdivisions only. Write down the number of lots which are proposed to be created. Include remainder parcels, open space and private street lots.
11. **Number of Existing Residential Units:** Write down the number of existing dwelling or apartment units currently existing on the project site.

12. **Proposed Number of Residential Units:** Required for residential projects. Write down the total number of proposed dwelling or apartment units to be included in the project. Include existing units which are included within the project boundary.
13. **Type of Subdivisions:** For tentative tract and parcel maps only. Write down the type or types of uses included within the subdivision. For example: residential or commercial/industrial.
14. **Proposed Industrial/Office Square Footage:** For all projects which propose the creation of new industrial buildings. Write in the proposed gross square footage to be applied for industrial/office use.
15. **Proposed Commercial Square Footage:** For all projects which propose the creation of new commercial buildings. Write in the proposed gross square footage to be applied to commercial use.
16. **Open Space:** Percentage of proposed project open space.
17. **Proposed Increase in Average Daily Traffic (ADT):** Write down the projected increase in traffic generation which will result as a consequence of approval of your proposed project. Use the traffic generation rates as determined by the latest San Diego Association of Government Traffic Generation Rate Guide (attached).
18. **Proposed Sewer Usage in Equivalent Dwelling Units:** One equivalent dwelling unit (EDU) is the average of sewer generated by one house or dwelling. One EDU is equivalent to 220 gallons per day of sewer usage. Use the attached EDU chart (Table 13.10.020(c)) to determine the sewer usage for your project. Ask for assistance at the counter if you are unsure how to determine your usage.

For industrial projects use the following assumptions:

- a. Undeveloped industrial assumes 30% building coverage.
- b. Improved lot industrial assumes 40% building coverage.
- c. For shell or unknown industrial building usage assumes 1 EDU for each 1,800 square foot.

19. **Gross Site Acreage:** Write down the total acreage of the property over which your proposed project is situated. Not necessary for Zone Code Amendments or Variances.
20. **Existing General Plan Designation:** Write down the general plan designation(s) for the property covered by your proposed project. Ask for counter assistance if you do not know your general plan designation.
21. **Proposed General Plan Designation:** Required only if your project involves a request for a general plan amendment. If so, write in the proposed general plan designation for the property.
22. **Existing Zoning:** Write down the existing zone designation for your proposed project property. Ask counter staff for assistance if you do not know your zone designation.
23. **Proposed Zoning:** Required only if your project involves a request for a zone change. If so, write in the proposed zone designation(s).
24. **Habitat Impacts:** Indicate whether the project will have impacts to coastal sage scrub, chaparral, grasslands, riparian, or other native habitats. If yes, an HMP permit will be needed. The amount of impact need not be specified at this time.

25. **Consent to Allow Entrance onto the Property:** Signature granting members of City staff, Planning Commissioners, Design Review Board Members or City Council members permission to inspect and enter the property.

Application Requirements: Attached with the application form are the various submittal requirements for each application type listed on the face of the application. Follow any instructions contained within the submittal requirements and submit the information and materials required for each of the applications for which you are applying.

IMPORTANT: Check all submittals to be sure all the required information and materials have been submitted with your application. Incomplete submittals will not be processed or scheduled for review by staff, the Commission or Council. You will be notified in writing within 30 days of submittal whether or not your application is complete.

A proposed project requiring multiple applications be filed must be submitted prior to 3:30 p.m. A proposed project requiring only one application be filed must be submitted prior to 4:00 p.m.

Fire Department/Water District Consultation: Prior to submittal of an application for development in the City, you are encouraged to consult with the Fire Department and the appropriate water district in order to design your project in compliance with their requirements. Failure to consult with either agency could result in unnecessary delays, redesign or project denial. The purpose of the notice is to get projects to “design in” water and fire requirements in advance.

Applicant Disclosure Form: All applications require submittal of an applicant disclosure form. Follow the instructions provided on the form and the attached information sheet.

Circulation Impact Analysis: All applications which propose an increase in the traffic generation rate of 500 vehicles or more, over existing traffic generation for the site, must submit a Circulation Impact Analysis. This analysis will be used to determine compliance of your project with Growth Management Facility Standards. The analysis is not to be considered in lieu of project related traffic studies which may be required by staff to analyze specific project related on and off site traffic issues.

Hillside Development Permit: A Hillside Development Permit is required for all projects with a slope of 15% or more and an elevation differential greater than fifteen (15) feet. Check with City staff if you are uncertain whether or not your proposed project site requires a Hillside Development Permit. If required, follow the instructions provided on the application form.

Environmental Impact Assessment Form: All applications for development require submittal of an Environmental Impact Assessment Form. Larger projects or projects in environmentally sensitive areas may require more detailed Environmental Impact Reports. Follow the instruction provided with the application form.

Coastal Development Permit: Applicants shall consult Community Development staff to determine whether a Coastal Permit is required for their proposal.

Digital Submittals: Applicants shall submit digital files with the application at initial submittal and at approval of tentative tract map, in accordance with Engineering Standards.

TABLE 13.10.020(c)

Type of Building, Structure or Use		Equivalent Dwelling Units
(1)	Each space of a trailer court or mobilehome park	1.00
(2)	Each duplex	2.00
(3)	Each separate apartment in an apartment house	1.00
(4)	Each housing accommodation designed for occupancy by a single person or one family, irrespective of the number actually occupying such accommodation	1.00
(5)	Each room of a lodginghouse, boardinghouse, hotel, motel or other multiple dwelling designed for sleeping accommodations for one or more individuals	
♦	Without cooking facilities	0.60
♦	With cooking facilities	1.00
(6)	Churches, theaters and auditoriums, per each unit of seating capacity (a unit being one hundred fifty persons or any fraction thereof)	1.33
(7)	Restaurants:	
♦	No seating	2.67
♦	Seating	2.67 plus 1.00 per each 7 seats or fraction thereof
	Delicatessen or fast food, using only disposable tableware:	
♦	No seating	2.67
♦	Seating	2.67 plus 1.00 per each 21 seats or fraction thereof
(8)	Automobile service stations:	
♦	Not more than four gasoline pumps	2.00
♦	More than four gasoline pumps	3.00
(9)	Self-service laundries, per each washer	0.75

TABLE 13.10.020(c)

	Type of Building, Structure or Use	Equivalent Dwelling Units
(10)	Office space in industrial or commercial establishments not listed above and warehouses	Divide the gross floor area of the building in square feet by 1800
(11)	Schools:	
	◆ Elementary Schools: For each sixty pupils or fraction thereof	1.00
	◆ Junior High Schools: For each fifty pupils or fraction thereof	1.00
	◆ High Schools: For each thirty pupils or fraction thereof	1.00
(12)	In the case of all commercial, industrial and business establishments not included in subdivisions 1 through 10, inclusive, of this subsection the number of equivalent dwelling units shall be determined in each case by the city engineer and shall be based upon his estimate of the volume and type of wastewater to be discharged into the sewer. The provisions of Chapter 13.16 shall apply to all cases under this subsection and an industrial waste permit shall be required. Any such permit, issued for any use hereunder, shall include a specific volume of sewage authorized for such use. If said amount is exceeded, it shall be grounds for revocation of this permit.	

(NOT SO)

BRIEF GUIDE OF VEHICULAR TRAFFIC GENERATION RATES FOR THE SAN DIEGO REGION

APRIL 2002

NOTE: This listing only represents a *guide* of average, or estimated, traffic generation "driveway" rates and some very general trip data for land uses (emphasis on acreage and building square footage) in the San Diego region. These rates (both local and national) are subject to change as future documentation becomes available, or as regional sources are updated. For more specific information regarding traffic data and trip rates, please refer to the San Diego Traffic Generators manual. *Always check with local jurisdictions for their preferred or applicable rates.*

LAND USE	TRIP CATEGORIES (PRIMARY; DIVERSED; PASS-BY)*	ESTIMATED WEEKDAY VEHICLE TRIP GENERATION RATE (DRIVEWAY)	HIGHEST PEAK HOUR % (plus IN-OUT ratio) Between 6:00-9:30 A.M. Between 3:00-6:30 P.M.	TRIP LENGTH (Miles)*
AGRICULTURE (Open Space)	[80:18:2]	2/acre**		10.8
AIRPORT	[78:20:2]	60/acre, 100/flight, 70/1000 sq. ft.** 6/acre, 2/flight, 6/based aircraft** 100/acre**	5% (6:4) 9% (7:3)	12.5
Commercial General Aviation Heliports			6% (5:5) 15% (5:5)	
AUTOMOBILE*				
Car Wash		900/site, 600/acre**	4% (5:5)	9% (5:5)
Automatic		100/wash stall**	4% (5:5)	8% (5:5)
Self-serve				
Gasoline	[21:51:28]	160/vehicle fueling space**	7% (5:5)	8% (5:5)
with/Food Mart		155/vehicle fueling space**	8% (5:5)	9% (5:5)
with/Food Mart & Car Wash		150/vehicle fueling space, 900/station**	7% (5:5)	9% (5:5)
Older Service Station Design		50/1000 sq. ft., 300/acre, 60/service stall**	5% (7:3)	8% (4:6)
Sales (Dealer & Repair)		20/1000 sq. ft., 400/acre, 20/service stall*	8% (7:3)	11% (4:6)
Auto Repair Center		60/1000 sq. ft.**	4%	10%
Auto Parts Sales		40/service stall**	7% (6:4)	10% (5:5)
Quick Lube		25/1000 sq. ft., 30/service stall**	7% (6:4)	11% (5:5)
Tire Store				
CEMETERY		5/acre*		
CHURCH (or Synagogue)	[64:25:11]	9/1000 sq. ft., 30/acre** (quadruple rates for Sunday, or days of assembly)	5% (6:4)	5.1
COMMERCIAL/RETAIL*				
Super Regional Shopping Center (More than 80 acres, more than 800,000 sq. ft., w/usually 3+ major stores)	[54:35:11]	35/1000 sq. ft., 400/acre*	4% (7:3)	
Regional Shopping Center (40-80 acres, 400,000-800,000 sq. ft., w/usually 2+ major stores)	[47:31:22]	50/1000 sq. ft., 500/acre*	4% (7:3)	5.2
Community Shopping Center (15-40 acres, 125,000-400,000 sq. ft., w/usually 1 major store, detached restaurant(s), grocery and drugstore)		80/1000 sq. ft., 700/acre**	4% (6:4)	3.6
Neighborhood Shopping Center (Less than 15 acres, less than 125,000 sq. ft., w/usually grocery & drugstore, cleaners, beauty & barber shop, & fast food services)		120/1000 sq. ft., 1200/acre**	4% (6:4)	
Commercial Shops	[45:40:15]			
Specialty Retail/Strip Commercial		40/1000 sq. ft., 400/acre*	3% (6:4)	9% (5:5)
Electronics Superstore		50/1000 sq. ft.**		10% (5:5)
Factory Outlet		40/1000 sq. ft.**	3% (7:3)	9% (5:5)
Supermarket		150/1000 sq. ft., 2000/acre**	4% (7:3)	10% (5:5)
Drugstore		90/1000 sq. ft.**	4% (6:4)	10% (5:5)
Convenience Market (15-16 hours)		500/1000 sq. ft.**	8% (5:5)	8% (5:5)
Convenience Market (24 hours)		700/1000 sq. ft.**	9% (5:5)	7% (5:5)
Convenience Market (w/gasoline pumps)		850/1000 sq. ft., 550/vehicle fueling space**	6% (5:5)	7% (5:5)
Discount Club		60/1000 sq. ft., 600/acre**	1% (7:3)	9% (5:5)
Discount Store		60/1000 sq. ft., 600/acre**	3% (6:4)	8% (5:5)
Furniture Store		6/1000 sq. ft., 100/acre**	4% (7:3)	9% (5:5)
Lumber Store		30/1000 sq. ft., 150/acre**	7% (6:4)	9% (5:5)
Home Improvement Superstore		40/1000 sq. ft.**	5% (6:4)	8% (5:5)
Hardware/Paint Store		60/1000 sq. ft., 600/acre**	2% (6:4)	9% (5:5)
Garden Nursery		40/1000 sq. ft., 90/acre**	3% (6:4)	10% (5:5)
Mixed Use: Commercial (w/supermarket)/Residential		110/1000 sq. ft., 2000/acre* (commercial only) 5/dwelling unit, 200/acre* (residential only)	3% (6:4) 9% (3:7)	3% (5:5) 13% (6:4)

LAND USE	TRIP CATEGORIES (PRIMARY:DIVERSED:PASS-BY)*	ESTIMATED WEEKDAY VEHICLE TRIP GENERATION RATE (DRIVEWAY)	HIGHEST PEAK HOUR % (plus IN:OUT ratio) Between 6:00-9:30 A.M. Between 3:00-6:30 P.M.	TRIP LENGTH (Miles)*
EDUCATION				
University (4 years).....	[91:9:0]	2.4/student, 100 acre*	10% (8:2)	8.9
Junior College (2 years).....	[92:7:1]	1.2/student, 24/1000 sq. ft., 120/acre**	12% (8:2)	9.0
High School.....	[75:19:6]	1.3/student, 15/1000 sq. ft., 60/acre**	20% (7:3)	4.8
Middle/Junior High.....	[63:25:12]	1.4/student, 12/1000 sq. ft., 50/acre**	30% (6:4)	5.0
Elementary.....	[57:25:10]	1.6/student, 14/1000 sq. ft., 90/acre**	32% (6:4)	3.4
Day Care.....	[28:58:14]	5/child, 80/1000 sq. ft.**	17% (5:5)	3.7
FINANCIAL⁵				3.4
Bank (Walk-in only) with Drive-Through	[35:42:23]	150/1000 sq. ft., 1000/acre**	4% (7:3)	
Drive-Through only		200/1000 sq. ft., 1500/acre*	5% (6:4)	
Savings & Loan		250 (125 one-way)/lane*	3% (5:5)	
Drive-Through only		60/1000 sq. ft., 600/acre**	2% (5:5)	
		100 (50 one-way)/lane**	4%	
HOSPITAL	[73:25:2]	20/bed, 25/1000 sq. ft., 250/acre*	8% (7:3)	8.3
General		3/bed**	7% (6:4)	
Convalescent/Nursing				
INDUSTRIAL				
Industrial/Business Park (commercial included).....	[79:19:2]	16/1000 sq. ft., 200/acre**	12% (8:2)	9.0
Industrial Park (no commercial)		8/1000 sq. ft., 90/acre**	11% (9:1)	
Industrial Plant (multiple shifts).....	[92:5:3]	10/1000 sq. ft., 120/acre*	14% (8:2)	11.7
Manufacturing/Assembly		4/1000 sq. ft., 50/acre**	19% (9:1)	
Warehousing		5/1000 sq. ft., 60/acre**	13% (7:3)	
Storage		2/1000 sq. ft., 0.2/vault, 30/acre*	6% (5:5)	
Science Research & Development		8/1000 sq. ft., 80/acre*	16% (9:1)	
Landfill & Recycling Center		6/acre	11% (5:5)	
LIBRARY	[44:44:12]	50/1000 sq. ft., 400/acre**	2% (7:3)	3.9
LODGING	[58:38:4]			7.6
Hotel (w/convention facilities/restaurant)		10/occupied room, 300/acre	6% (6:4)	
Motel		9/occupied room, 200/acre*	8% (4:6)	
Resort Hotel		8/occupied room, 100/acre*	5% (6:4)	
Business Hotel		7/occupied room**	8% (4:6)	
MILITARY	[82:16:2]	2.5/military & civilian personnel*	9% (9:1)	11.2
OFFICE				
Standard Commercial Office.....	[77:19:4]	20/1000 sq. ft., 300/acre*	14% (9:1)	8.8
(less than 100,000 sq. ft.)		17/1000 sq. ft., 600/acre*	13% (9:1)	10.0
Large (High-Rise) Commercial Office.....	[82:15:3]	12/1000 sq. ft., 200/acre**	13% (9:1)	
(more than 100,000 sq. ft., 6+ stories)		14/1000 sq. ft., 180/acre*	15% (9:1)	
Office Park (400,000+ sq. ft.)		7/1000 sq. ft., 110/acre*	17% (9:1)	8.8
Single Tenant Office		30/1000 sq. ft.**	9% (9:1)	6.0
Corporate Headquarters		90/1000 sq. ft.**	5%	
Government (Civic Center)	[50:34:16]	200/1000 sq. ft., 1300/acre*	6% (6:4)	
Post Office		300/1000 sq. ft., 2000/acre*	7% (5:5)	
Central/Walk-In Only		1500 (750 one-way)/lane*	7% (5:5)	
Community (not including mail drop lane)		180/1000 sq. ft., 900/acre**	6% (6:4)	
Community (w/mail drop lane)		50/1000 sq. ft., 500/acre*	6% (8:2)	6.4
Mail Drop Lane only				5.4
Department of Motor Vehicles	[60:30:10]			
Medical-Dental.....				
PARKS				
City (developed w/meeting rooms and sports facilities)	[66:28:6]	50/acre*	4% (5:5)	
Regional (developed)		20/acre*	13%	
Neighborhood/County (undeveloped)		5/acre (add for specific sport uses), 6/picnic site**	8% (5:5)	
State (average 1000 acres)		1/acre, 10/picnic site**	9% (5:5)	
Amusement (Theme)		80/acre, 130/acre (summer only)**	6% (6:4)	
San Diego Zoo		115/acre*		
Sea World		80/acre*		

LAND USE	TRIP CATEGORIES (PRIMARY-DIVERTED-PASS-BY*)	ESTIMATED WEEKDAY VEHICLE TRIP GENERATION RATE (DRIVEWAY)	HIGHEST PEAK HOUR % (plus IN:OUT ratio) Between 6:00-9:30 A.M. Between 3:00-6:30 P.M.	TRIP LENGTH (Miles) [†]
RECREATION				6.3
Beach, Ocean or Bay	[52:39:9]	600/1000 sq. ft. shoreline, 60/acre ^{**}		
Beach, Lake (fresh water)		50/1000 sq. ft. shoreline, 5/acre ^{**}		
Bowling Center		30/1000 sq. ft., 300/acre, 30/acre ^{**}	7% (7:3)	11% (4:6)
Campground		4/campsite ^{**}	4%	8%
Golf Course		7/acre, 40/acre, 700/course ^{**}	7% (8:2)	9% (3:7)
Driving Range only		7/acre, 14/tee box ^{**}	3% (7:3)	9% (5:5)
Marinas		4/berth, 20/acre ^{**}	3% (3:7)	7% (6:4)
Multi-purpose (miniature golf, video arcade, batting cage, etc.)		90/acre	2%	6%
Racquetball/Health Club		30/1000 sq. ft., 300/acre, 40/court ^{**}	4% (6:4)	9% (6:4)
Tennis Courts		16/acre, 30/court ^{**}	5%	11% (5:5)
Sports Facilities		50/acre, 0.2/seat ^{**}		
Outdoor Stadium		30/acre, 0.1/seat ^{**}		
Indoor Arena		40/acre, 0.6 seat ^{**}		
Racetrack		80/1000 sq. ft., 1.8/seat, 360/screen ^{**}	1/3%	8% (6:4)
Theaters (multiplex w/matinee)	[66:17:17]			6.1
RESIDENTIAL				7.9
Estate, Urban or Rural	[86:11:3]	12/dwelling unit ^{**}	8% (3:7)	10% (7:3)
(average 1-2 DU/acre)		10/dwelling unit ^{**}	8% (3:7)	10% (7:3)
Single Family Detached		8/dwelling unit ^{**}	8% (2:8)	10% (7:3)
(average 3-5 DU/acre)		6/dwelling unit ^{**}	5% (2:6)	5% (7:3)
Condominium		5/dwelling unit, 40/acre ^{**}		
(for any multi-family 6-20 DU/acre)		3/dwelling unit, 20/acre ^{**}		
Apartment		2.5/dwelling unit ^{**}		
(for any multi-family units more than 20 DU/acre)		8/dwelling unit	7% (3:7)	9% (6:4)
Military Housing (off-base, multi-family)		6/dwelling unit	7% (3:7)	9% (6:4)
(less than 6 DU/acre)		5/dwelling unit, 40/acre ^{**}		
Mobile Home		3/dwelling unit, 20/acre ^{**}		
Family		2.5/dwelling unit ^{**}	4%	8% (5:5)
Adults Only		100/1000 sq. ft., 3/seat, 500/acre ^{**}	1%	8% (7:3)
Retirement Community		160/1000 sq. ft., 6/seat, 1000/acre ^{**}	8%	8% (6:4)
Congregate Care Facility		650/1000 sq. ft., 20/seat, 3000/acre ^{**}	7%	7% (5:5)
RESTAURANT[†]	[51:37:12]	700/1000 sq. ft., 11/seat ^{**}	5%	7% (5:5)
Quality		150/1000 sq. ft., 11/seat ^{**}	9%	3% (3:7)
Sit-down, high turnover				
Fast Food (w/drive-through)				
Fast Food (without drive-through)				
Delicatessen (7am-4pm)				
TRANSPORTATION				4.7
Bus Depot		25/1000 sq. ft. ^{**}		
Truck Terminal		10/1000 sq. ft., 7/bay, 80/acre ^{**}	9%	8% (5:5)
Waterport/Marine Terminal		170/berth, 12/acre ^{**}		
Transit Station (Light Rail w/parking)		300/acre, 2 1/2 parking space (4/occupied) ^{**}	14%	15% (3:7)
Park & Ride Lots		400/acre (600/paved acre), {5/parking space (8/occupied) ^{**}	14%	15% (3:7)

* Primary source: San Diego Traffic Generators.

** Other sources: ITE Trip Generation Report (6th Edition), Trip Generation Rates (other agencies and publications), various SANDAG & CALTRANS studies, reports and estimates.

† Trip category percentage ratios are daily from local household surveys, often cannot be applied to very specific land uses, and do not include non-resident drivers (draft SANDAG Analysis of Trip Diversion, revised November, 1990).

PRIMARY - one trip directly between origin and primary destination.

DIVERTED - linked trip having one or more stops along the way to a primary destination) whose distance compared to direct distance ≥ 1 mile.

PASS-BY - undiverted or diverted < 1 mile.

† Trip lengths are average weighted for all trips to and from general land use site. (All trips system-wide average length = 6.9 miles)

c Fitted curve equation: $\ln(T) = 0.502 \ln(d) + 8.945$ T = total trips, x = 1,000 sq. ft.

d Fitted curve equation: $\ln(T) = 0.766 \ln(d) + 3.950$

a Fitted curve equation: $\ln(T) = -2.169 \ln(d) + 12.85$

s Suggested PASS-BY (undiverted or diverted < 1 mile) percentages for trip rate reductions only during peak period (based on combination of local data/review and other sources **).

COMMERCIAL/RETAIL

Regional Shopping Center

Community

Neighborhood

Specialty Retail/Strip Commercial (other)

Supermarket

Discount Club/Store

FINANCIAL

Bank

AUTOMOBILE

Gasoline Station

RESTAURANT

Quality

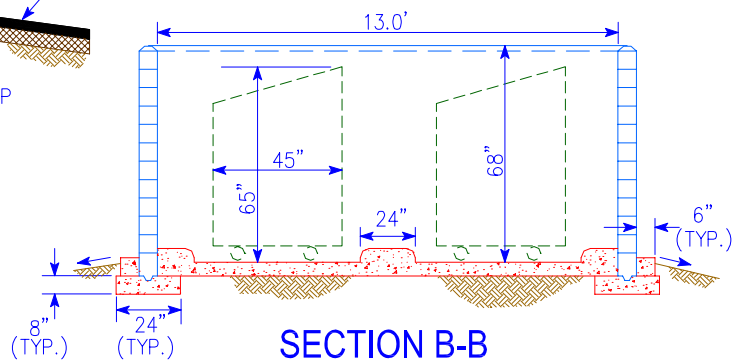
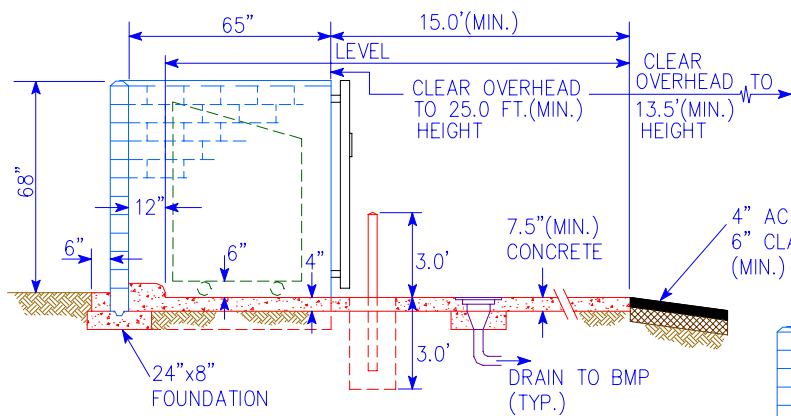
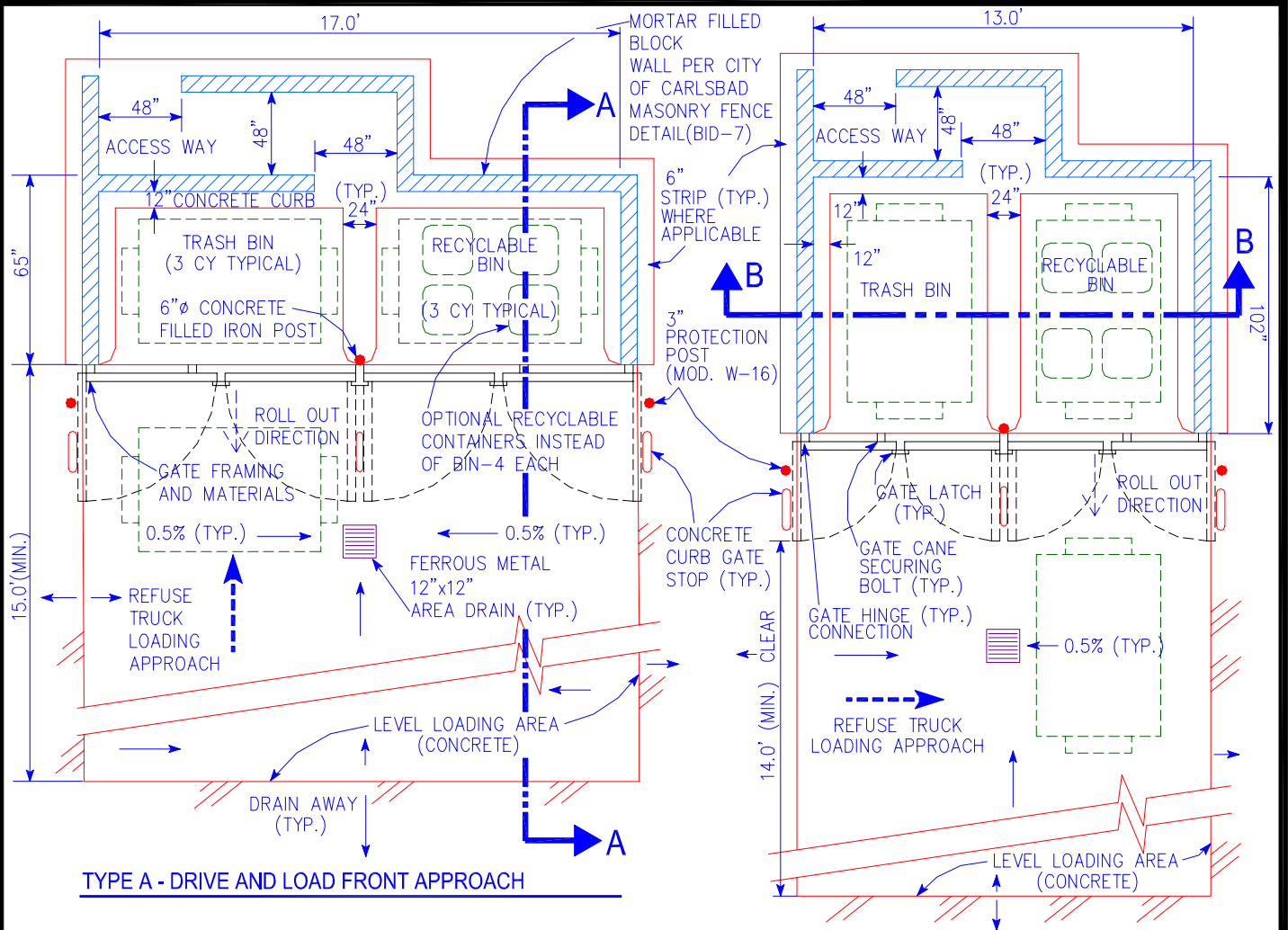
Sit-down high turnover

Fast Food

† Trip Reductions - In order to help promote regional "smart growth" policies, and acknowledge San Diego's expanding mass transit system, consider vehicle trip rate reductions (with proper documentation and necessary adjustments for peak periods). The following are some examples:

[1] A 5% daily trip reduction for land uses with transit access or near transit stations accessible within 1/4 mile.

[2] Up to 10% daily trip reduction for mixed-use developments where residential and commercial retail are combined (demonstrate mode split of walking trips to replace vehicular trips).



SHEET 1 OF 2

REV.	APPROVED	DATE	CITY OF CARLSBAD	CITY ENGINEER	DATE
			REFUSE BIN ENCLOSURE FOR 3 CUBIC YARDS BINS	SUPPLEMENTAL STANDARD NO.	GS-16

NOTES:

1. LOCATION OF REFUSE BIN ENCLOSURES SHALL BE APPROVED BY THE PLANNING DIRECTOR AND THE CITY ENGINEER. ENCLOSURE SHALL BE OF SIMILAR COLORS AND/OR MATERIALS AS THE PROJECT TO THE SATISFACTION OF THE PLANNING DIRECTOR.
2. THE ENCLOSURE SLAB AND LOADING AREA SHALL BE LEVEL IN ORDER TO FACILITATE THE ROLLING OF BINS FOR LOADING POSITIONING.
3. GATES SHALL BE MOUNTED SO THAT THEY SWING FULLY OPEN WITH NO PROTRUSION INTO THE PATH OF THE BIN. THE GATES SHALL HAVE CHAINS, HOOKS OR PIN STOPS AT THEIR FULL OPEN POSITION TO HOLD THEM OPEN.
4. ALL GATE CONNECTION LATCHES, SECURING BOLTS, FRAMING, AND HINGES SHALL BE HEAVY DUTY TYPE AND PAINTED OR TREATED AGAINST CORROSION.
5. GATE MATERIALS TO BE APPROVED BY PLANNING DIRECTOR.
6. POSITIVE DRAINAGE AWAY FROM THE ENCLOSURE AND LOADING AREAS SHALL BE PROVIDED AND MAINTAINED.
7. ALTERNATIVE CONFIGURATION AND LOCATION OF THE ACCESS WAY MAY BE ACCEPTABLE ON A CASE BY CASE BASIS PROVIDED NO PORTION OF THE TRASH BINS ARE DIRECTLY VISIBLE TO THE PUBLIC.
8. LOADING AND ENCLOSURE AREA DRAINAGE SHALL BE INDEPENDENT AND DRAINED TOWARDS AN APPROVED SITE BMP.
9. DEVELOPMENT PROJECTS SHALL INCORPORATE THE REQUIREMENTS OF THE "MODEL ORDINANCE OF THE CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD RELATING TO AREAS FOR COLLECTING AND LOADING RECYCLABLE MATERIALS".
10. AREAS FOR RECYCLING SHALL BE ADEQUATE IN CAPACITY, NUMBER AND DISTRIBUTION TO SERVE THE DEVELOPMENT WHERE THE PROJECT OCCURS.
11. RECYCLING AREAS SHALL BE SECURED TO PREVENT THE THEFT OF RECYCLABLE MATERIALS BY UNAUTHORIZED PERSONS WHILE ALLOWING AUTHORIZED PERSONS ACCESS FOR DISPOSAL OF MATERIALS.
12. RECYCLING AREAS OR THE BINS AND CONTAINERS PLACED THEREIN MUST PROVIDE PROTECTION AGAINST SEVERE ENVIRONMENTAL CONDITIONS WHICH MIGHT RENDER THE COLLECTED MATERIALS UNMARKETABLE.
13. A SIGN CLEARLY IDENTIFYING ALL RECYCLING AND SOLID WASTE COLLECTION AND LOADING AREAS AND THE MATERIALS ACCEPTED THEREIN SHALL BE POSTED ADJACENT TO ALL POINTS OF ACCESS TO THE RECYCLING AREAS.
14. EACH RECYCLING AREA WITHIN A MULTI-FAMILY RESIDENTIAL DEVELOPMENT SHALL BE NO GREATER THAN 250 FEET FROM EACH LIVING UNIT.

SHEET 2 OF 2

REV.	APPROVED	DATE	CITY OF CARLSBAD	
			REFUSE BIN ENCLOSURE FOR 3 CUBIC YARDS BINS	CITY ENGINEER _____ DATE _____
				SUPPLEMENTAL STANDARD NO. GS-16



City of Carlsbad

Planning Department

DISCLOSURE STATEMENT

Applicant's statement or disclosure of certain ownership interests on all applications which will require discretionary action on the part of the City Council or any appointed Board, Commission or Committee.

The following information **MUST** be disclosed at the time of application submittal. Your project cannot be reviewed until this information is completed. Please print.

Note:

Person is defined as "Any individual, firm, co-partnership, joint venture, association, social club, fraternal organization, corporation, estate, trust, receiver, syndicate, in this and any other county, city and county, city municipality, district or other political subdivision or any other group or combination acting as a unit."

Agents may sign this document; however, the legal name and entity of the applicant and property owner must be provided below.

1. **APPLICANT** (Not the applicant's agent)

Provide the **COMPLETE, LEGAL** names and addresses of **ALL** persons having a financial interest in the application. If the applicant includes a corporation or partnership, include the names, title, addresses of all individuals owning more than 10% of the shares. IF NO INDIVIDUALS OWN MORE THAN 10% OF THE SHARES, PLEASE INDICATE NON-APPLICABLE (N/A) IN THE SPACE BELOW. If a publicly-owned corporation, include the names, titles, and addresses of the corporate officers. (A separate page may be attached if necessary.)

Person _____	Corp/Part _____
Title _____	Title _____
Address _____	Address _____

2. **OWNER** (Not the owner's agent)

Provide the **COMPLETE, LEGAL** names and addresses of **ALL** persons having any ownership interest in the property involved. Also, provide the nature of the legal ownership (i.e., partnership, tenants in common, non-profit, corporation, etc.). If the ownership includes a corporation or partnership, include the names, title, addresses of all individuals owning more than 10% of the shares. IF NO INDIVIDUALS OWN MORE THAN 10% OF THE SHARES, PLEASE INDICATE NON-APPLICABLE (N/A) IN THE SPACE BELOW. If a publicly-owned corporation, include the names, titles, and addresses of the corporate officers. (A separate page may be attached if necessary.)

Person _____	Corp/Part _____
Title _____	Title _____
Address _____	Address _____
_____	_____



3. **NON-PROFIT ORGANIZATION OR TRUST**

If any person identified pursuant to (1) or (2) above is a nonprofit organization or a trust, list the names and addresses of **ANY** person serving as an officer or director of the non-profit organization or as trustee or beneficiary of the.

Non Profit/Trust_____

Non Profit/Trust_____

Title_____

Title_____

Address_____

Address_____

4. Have you had more than \$250 worth of business transacted with any member of City staff, Boards, Commissions, Committees and/or Council within the past twelve (12) months?

☐

Yes

☐

No

If yes, please indicate person(s):_____

NOTE: Attach additional sheets if necessary.

I certify that all the above information is true and correct to the best of my knowledge.

Signature of owner/date

Signature of applicant/date

Print or type name of owner

Print or type name of applicant

Signature of owner/applicant's agent if applicable/date

Print or type name of owner/applicant's agent

PROJECT DESCRIPTION/EXPLANATION

PROJECT NAME: _____

APPLICANT NAME: _____

Please describe fully the proposed project by application type. Include any details necessary to adequately explain the scope and/or operation of the proposed project. You may also include any background information and supporting statements regarding the reasons for, or appropriateness of, the application. Use an addendum sheet if necessary.

Description/Explanation:

SCREENING OF EQUIPMENT:

Exterior components of plumbing, processing, heating, cooling, and ventilating systems (including but not limited to piping, tanks, stacks, collectors, heating, cooling, and ventilating equipment fans, blowers, ductwork, vents, louver, meters, compressor, motors, incinerators, ovens, etc....) shall not be directly visible from a height of five feet above any ground or ground floor elevation at a distance closer than 500 feet from the closest building wall on any lot. Please provide a display of proper screening material and/ or parapet wall on site plan. See example below.

EXAMPLE OF SCREENING MATERIAL DISPLAY:

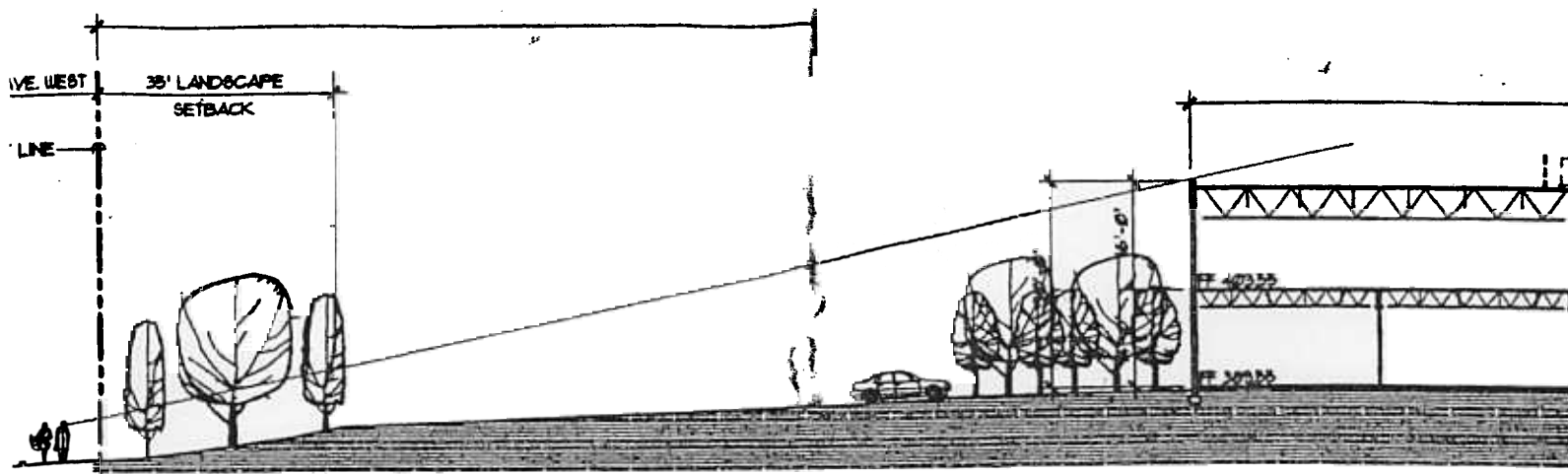
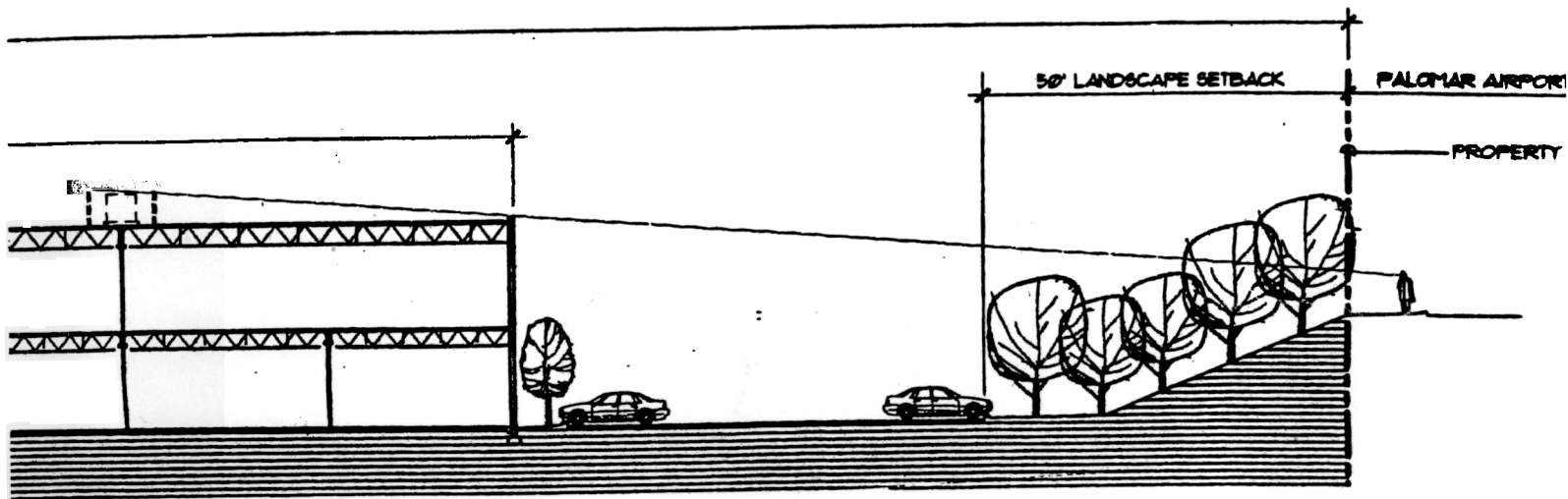


TABLE NO. A-III-A-1
MINIMUM REQUIRED FIRE FLOW AND FLOW DURATION FOR BUILDINGS

FIRE AREA (square feet)					Free Flow (gallons per minute)	Flow Duration (hours)
Type I-F.R. II-F.R. ¹	Type II One-HR III One-HR ¹	Type IV-H.T. V-One- HR ¹	Type II-N III-N ¹	Type V-N ¹		
22,700	12,700	8,200	5,900	3,600	1,500	2
30,200	17,000	10,900	7,900	4,800	1,750	
38,700	21,800	12,900	9,800	6,200	2,000	
48,300	24,200	17,400	12,600	7,700	2,250	
59,000	33,200	21,300	15,400	9,400	2,500	
70,900	39,700	25,500	18,400	11,300	2,750	
83,700	47,100	30,100	21,800	13,400	3,000	3
97,700	54,900	35,200	25,900	15,600	3,250	
112,700	63,400	40,600	29,300	18,000	3,500	
128,700	72,400	46,400	33,500	20,600	3,750	
145,900	82,100	52,500	37,900	23,300	4,000	4
164,200	92,400	59,100	42,700	26,300	4,250	
183,400	103,100	66,000	47,700	29,300	4,500	
203,700	114,600	73,300	53,000	32,600	4,750	
225,200	126,700	81,100	58,600	36,000	5,000	
247,700	139,400	89,200	65,400	39,600	5,250	
271,200	152,600	97,700	70,600	43,400	5,500	
295,900	166,500	106,500	77,000	47,400	5,750	
Greater	Greater	115,800	83,700	51,500	6,000	
"	"	125,500	90,600	55,700	6,250	
"	"	135,500	97,900	60,200	6,500	
"	"	145,800	106,800	64,800	6,750	
"	"	156,700	113,200	69,600	7,000	
"	"	167,900	121,300	74,600	7,250	
"	"	179,400	129,600	79,800	7,500	
"	"	191,400	138,300	85,100	7,750	
"	"	Greater	Greater	Greater	8,000	

¹ Types of construction are based upon the Building Code.



City of Carlsbad

Planning Department

HAZARDOUS WASTE AND SUBSTANCES STATEMENT

Consultation Of Lists of Sites Related To Hazardous Wastes
(Certification of Compliance with Government Code Section 65962.5)

Pursuant to State of California Government Code Section 65962.5, I have consulted the Hazardous Wastes and Substances Sites List compiled by the California Environmental Protection Agency and hereby certify that (check one):

- ☐ The development project and any alternatives proposed in this application **are not** contained on the lists compiled pursuant to Section 65962.5 of the State Government Code.
- ☐ The development project and any alternatives proposed in this application **are** contained on the lists compiled pursuant to Section 65962.5 of the State Government Code.

APPLICANT

Name: _____

Address: _____

Phone Number: _____

PROPERTY OWNER

Name: _____

Address: _____

Phone Number: _____

Address of Site: _____

Local Agency (City and County): _____

Assessor's book, page, and parcel number: _____

Specify list(s): _____

Regulatory Identification Number: _____

Date of List: _____

Applicant Signature/Date

Admin/Counter/HazWaste

Property Owner Signature/Date



The Hazardous Waste and Substances Sites (Cortese List) is a planning document used by the State, local agencies and developers to comply with the California Environmental Quality Act requirements in providing information about the location of hazardous materials release sites. Government Code section 65962.5 requires the California Environmental Protection Agency to develop at least annually an updated Cortese List. Below is a list of agencies that maintain information regarding Hazardous Waste and Substances Sites.

Department of Toxic Substances Control

www.dtsc.ca.gov/database/calsites

Calsites Hotline (916) 323-3400

State Water Resources Control Board

www.swrcb.ca.gov/cwphome/lustis

County of San Diego

Certified Unified Program Agency (CUPA)

Mike Dorsey

Chief, Hazardous Materials Division

Department of Environmental Health Services

Hazardous Materials Management Division

Mailing address:

P.O. Box 129261

San Diego, CA 92112-9261

(619) 338-2395

Call Duty Specialist for General Questions at (619) 338-2231 fax: (619) 338-2315

www.co.san-diego.ca.us

Integrated Waste Management Board

www.ciwmb.ca.gov

916-255-4021

Environmental Protection Agency

National Priorities Sites ("Superfund" or "CERCLIS")

www.epa.gov/superfund/sites/cursites

(800) 424-9346

National Priorities List Sites in the United States

www.epa.gov/superfund/sites/npl/npl.htm

5/19/03

Standards for the Digital Submittal of Maps and Plans

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Table 4.1 Final Maps, Parcel Maps	4
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City of Carlsbad

1.0 Introduction

The City of Carlsbad maintains a Geographic Information System (GIS) for use by all City Departments. A major component of the GIS are the parcel base map and the facilities map. To improve the efficiency of map/facilities data collection and use in city operations, the City of Carlsbad requires the submission of digital copies along with the required number of hardcopies for the submittal of all Final Maps, Grading Plans, and Improvement Plans. Digital copies of the approved Final Maps, Improvement and Grading Plans must be submitted along with each submittal of those plans. These requirements do not affect in any way existing requirements of other departments regarding map/plan processing. See Section 4 for details of data file content and organization.

This specification shall be used for the digital submission of maps to the City of Carlsbad, and will pertain to all Final Maps, Grading Plans, and Improvement Plans. Exceptions from these requirements can be made with the express permission of the Deputy City Engineer for Development Services.

For further information or clarification of this specification, contact:

GIS Manager or Engineering Department, Planning and Programs Division
City of Carlsbad
1635 Faraday Avenue
Carlsbad CA 92008
(760) 602-2434 (GIS) *or* (760) 602-2760 (Engineering)

2.0 Format of Data for Digital Submittal

The acceptable formats for digital submittal of the data are:

AutoCAD Release 2000i (Autodesk) .DWG or DXF format
AutoCAD Release 2000 (Autodesk) .DWG or DXF format
AutoCAD Release 14 (Autodesk) .DWG or DXF format
AutoCAD Release 13 (Autodesk) .DWG or DXF format
ArcInfo version 7.x or later (ESRI) line coverage format
ArcInfo version 7.x or later (ESRI) .e00 export format.
ArcView (ESRI) shapefile format (.shp)

City of Carlsbad

3.0 Basis of Bearings and Coordinate Reference

The basis of bearings and all coordinates of data submitted to the City must be in reference to the California Coordinate System - 1983, Zone VI, 1991.35 Epoch, North American Datum of 1983 (NAD83) based on ties to the **City of Carlsbad Survey Control Network** monuments as published on **Record of Survey Map No. 17271**, filed in the office of the San Diego County Recorder on February 8, 2002. The coordinate ties in the digital submission must meet third order accuracy from the control monuments to the project boundary. The project boundary will be located in the California Coordinate System at a common tie point. All other coordinates and line work will be scaled to ground distances and be within 0.5 feet of the true California Coordinate System values. For vertical control, the NGVD 29 datum is still in effect.

NOTE: Use the “Xref” AutoCAD command with “Carlsbad_NAD83R14.dwg” to verify project site location (insert point (0,0,0).)

4.0 Data Layering Requirements

Final Maps, Parcel Maps - will consist of:

- file(s) of the entire map submittal area;
- layers description (digital file/ hard copy)

Improvement Plans - will consist of :

- file(s) of the entire plan submittal area ;
- layers description (digital file/ hard copy)

Grading Plans - will consist of :

- file(s) of the entire plan submittal area;
- layers description (digital file/ hard copy)

Note:

The model space of the submitted drawings should contain the entire project (showing property lines, improvements, etc.) and it should not be divided into sheets (used for plotting purposes.)

The City of Carlsbad Standard layers are as described in the following tables: 4.1, 4.2, 4.3. Digital submittals are to follow the City of Carlsbad layer format, or be accompanied by a digital file or hardcopy describing layer name and symbol description.

City of Carlsbad

Table 4.1 Final Maps, Parcel Maps

Layer Name	Layer Contents
ACREAGE	net acreage text
BASE	north arrow, location map, etc.
COORD	coordinate values & tic marks
COV	cover sheet information
EASE	public/private easement lines
FLOOD	100 year flood lines and text
HATCH	hatching & shading
LOTS	lot lines, other property lines, and associated text
MON	monumentation markers and associated text
POS	procedure of survey lines and associated text
ROW	right of way easement lines and associated text
STCL	street centerline lines and associated text
STREAM	streams
STROW	street right of way lines and associated text
THALWEG	watercourse thalwegs

City of Carlsbad

Table 4.2 Improvement Plans

Layer Name	Layer Contents
ACCESS	access covers (size, type, % grade)
APN	assessor parcel number text
BASE	north arrow, location map, etc.
COORD	coordinate values & tic marks
COV	cover sheet information
CURB	curbs, berms, sidewalks
EASE	public/private easement lines
EXGRDIDX	existing grade index contours & text
EXTGRADE	existing grade contours and text
FINGRADE	finished grade contours and text
FINGRDIDX	finish grade index contours & text
FLOOD	100 year flood lines and associated text
FLOW	swales, direction of flow
FTPRINT	footprints of buildings
GRID	grid & grid numerical values for street & utility profiles
HATCH	hatching & shading
INOUT	inlets/outlets
IRRCOND	irrigation conduit
IRRCONTR	irrigation controllers
IRRPIPE	irrigation pipe
LANDSCPLT	landscape planting
LANDSCTXT	landscape text
LOTS	lot lines , other property lines, and associated text
MEDIAN	medians
MON	monumentation markers and associated text
PERCENT	percentages
POS	procedure of survey text and associated text
PUBELECOH	public utilities - electrical: overhead
PUBELECUG	public utilities - electrical: underground
PUBGAS	public utilities - gas distribution
PUBHYDR	public utilities - fire hydrants
PUBTELE	public utilities - telephone boxes
PUBTV	public utilities - cable TV
PUBWATER	public utilities - water supply
RAMP	ramps
RECWPROF	reclaimed water profile
ROW	right of way easement lines
SEWERSYS	sewer main and associated text

City of Carlsbad

SEWPROF	sewer profile
SPOTELEV	spot elevations markers and text
STCL	street centerline lines and associated text
STLIGHT	electroliers
STLTCOND	street lighting conduits & junction boxes
STORMDRN	culvert and storm drain profiles and associated text
STPROF	street profile
STREAM	streams
STRMPROF	storm drain profile
STROW	street right of way lines and associated text
STSIGN	street name signs
STSTRIPE	traffic striping
THALWEG	watercourse thalwegs
TREE	trees (4" diameter or greater)
TSIGCOND	traffic signal conduit
TSIGN	regulatory & advisory signs
TSIGNAL	traffic signals
TSIGNAL	traffic signals and associated text
WALKS	footprints of walks
WATPROF	water line profile
XTREE	trees to be removed

City of Carlsbad

Table 4.3 Grading Plans

Layer Name	Layer Contents
ACCESS	access covers (size, type, % grade)
APN	assessor parcel number text
BASE	north arrow, location map, etc.
COORD	coordinate values & tic marks
COV	cover sheet information
CURB	curbs, berms, sidewalks
EASE	public/private easement lines
EXGRDIDX	existing grade index contours & text
EXTGRADE	existing grade contours and text
FINGRADE	finished grade contours and text
FINGRDIDX	finish grade index contours & text
FLOOD	100 year flood lines and text
FLOW	swales, direction of flow
FTPRINT	footprints of buildings
HATCH	hatching & shading
INOUT	inlets/outlets
LANDSCPLT	landscape planting
LANDSCTXT	landscape text
LOTS	lot lines, other property lines, and associated text
MEDIAN	medians
PERCENT	percentages
POS	procedure of survey text and associated text
PUBGAS	public utilities - gas distribution
PUBHYDR	public utilities - fire hydrants
PUBTELE	public utilities - telephone boxes
PUBWATER	public utilities - water supply
RAMP	ramps
ROW	right of way easement lines and associated text
SEWERSYS	sewer main and associated text
SPOTELEV	spot elevations markers and text
STCL	street centerline lines and associated text
STORMDRN	culvert and storm drain profiles and associated text
STREAM	streams
STROW	street right of way lines and associated text
THALWEG	watercourse thalwegs
TREE	trees (4" diameter or greater)
TSIGNAL	traffic signals

City of Carlsbad

TSIGNAL	traffic signals and associated text
WALKS	footprints of walks
XTREE	trees to be removed

City of Carlsbad

5.0 Acceptable Media

The City will accept submissions of the required digital files on the following media:

PC-formatted 3½" DS, HD diskettes (1.44 MB capacity)
PC-formatted Compact Disks

The submitter will be responsible for archival of the digital data until final acceptance.
If possible do not archive (compress) the files

Please include all the necessary files on your submittal disk (i.e. XREF-ed files, fonts).(The easiest way to accomplish this is by using the *Pack'n Go* feature from AutoCAD).

All media will be submitted with labels indicating the following information:

Project Name/Number
Date
Company
Contact Name/Telephone Number/Email
File Names (see below for file naming conventions)

6.0 File Naming Conventions

The files will be named according to the plan name with the extension .DXF for CAD-type files, .e00 extension for Arc/Info export files, and no extension for Arc/Info coverages.
Examples:

Carlsbad Tract Map No. 98-93	CT9893.DXF; CT9893.E00;CT9893.
Minor Subdivision 89-01	MS8901.DXF; MS8901.E00; MS8901.
Improvement Plan 360-3B	I360-3B.DXF; I360-3B.E00; I360-3B.
Grading Plan 360-3A	G360-3A.DXF; G360-3A.E00; G360-3A.

City of Carlsbad

Appendix A - Arc/Info Format Specifications

Digital files submitted in Arc/Info format will have the following specifications:

Arc Processing

All arc intersections will contain a node, i.e. no intersection errors and no node errors; arc topology will be in existence.

Arc Coding

Each coverages' arc attribute table (.AAT) will contain the item **dxflayer (40, 40, c)**. All arcs in the coverage will be coded for **dxflayer** using the layer names identified in Tables 4.1 - 4.5. For example, from Table 4.1, all street centerlines will be coded for **dxflayer = 'CL'**

Annotation

All text for each coverage will be contained in the annotation subclass **anno.dxf**, and assigned the annotation levels indicated in Tables 4.1 - 4.5. For example, from Table 4.2, the text describing public easements will be contained in the subclass **anno.dxf**, level = 3.